SAMRUDH

Architects and Interior Designers

[redacted]/YCLP/W.No.11/2019-20 05.09.2019

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

[redacted] : **Executive Engineer,** Project Division, Yelahanka Zone, BBMP, Bangalore.

[redacted] : **Sri. Y C Lakshmi Prasad (M/s. Samrudh Architect),** Contractor, Bangalore.

[redacted] : Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No.11 Kuvempunagara, BBMP, Bangalore.

[redacted] : Cement Concrete for Road

[redacted] : 150mmx150mmx150mm

[redacted] : 22500 mm^2

[redacted] : IS: 516-1959 (Reaffirmed 2008)

[redacted] : M_{30}

[redacted] : 28th day

[redacted] Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
[redacted] 29.08.2019	05.09.2019	8.336	725.2	32.23
[redacted] 29.08.2019	05.09.2019	8.315	716.3	31.84
[redacted] 29.08.2019	05.09.2019	8.328	736.1	32.72

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[redacted] mentioned above are based on the tests carried out on the samples received in the laboratory.
Any [redacted] regarding the report must be reported within 30 days from the date of testing.

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: Cement Concrete for Road

: 150mmx150mmx150mm

: 22500 mm^2

: IS: 516-1959 (Reaffirmed 2008)

: M_{30}

: 7th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	29.08.2019	05.09.2019	8.225	505.2	22.45
	29.08.2019	05.09.2019	8.236	516.3	22.95
	29.08.2019	05.09.2019	8.268	535.2	23.79

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: Cement Concrete for Road

: 150mmx150mmx150mm

: 22500 mm^2

: IS: 516-1959 (Reaffirmed 2008)

: M_{30}

: 28th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	29.08.2019	05.09.2019	8.336	705.2	31.34
	29.08.2019	05.09.2019	8.352	716.3	31.84
	29.08.2019	05.09.2019	8.368	735.2	32.68

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: Cement Concrete for Road

: 150mmx150mmx150mm

: 22500 mm^2

: IS: 516-1959 (Reaffirmed 2008)

: M_{30}

Compressive Strength as on : 7th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	29.08.2019	05.09.2019	8.252	505.2	22.45
	29.08.2019	05.09.2019	8.236	516.3	22.95
	29.08.2019	05.09.2019	8.262	535.2	23.79

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: Cement Concrete for Road

: 150mmx150mmx150mm

: 22500 mm^2

: IS: 516-1959 (Reaffirmed 2008)

: M_{30}

: 28th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	29.08.2019	05.09.2019	8.306	705.2	31.34
	29.08.2019	05.09.2019	8.336	716.3	31.84
	29.08.2019	05.09.2019	8.318	735.4	32.68

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: Cement Concrete for Road

: 150mmx150mmx150mm

: 22500 mm^2

: IS: 516-1959 (Reaffirmed 2008)

: M_{30}

: 7th day

	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
	29.08.2019	23.09.2019	8.258	505.2	22.45
	29.08.2019	23.09.2019	8.286	516.3	22.95
	29.08.2019	23.09.2019	8.268	535.8	23.81

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Agency : **Sri. Y C Lakshmi Prasad (M/s. Samrudh Architect),** Contractor, Bangalore.

Name of the work : Improvements to Roads and Drains around Ramachandrapura, Kuvempunagara, Vaishnavi Layout, Srinidhi Layout and Sai Garden in Ward No.11 Kuvempunagara, BBMP, Bangalore.

Sample ID : Cement Concrete for Road

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

SlNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.08.2019	23.09.2019	8.326	716.2	31.83
2	29.08.2019	23.09.2019	8.335	729.6	32.43
3	29.08.2019	23.09.2019	8.358	706.3	31.39

Note:

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.08.2019	23.09.2019	8.226	505.2	22.45
2	29.08.2019	23.09.2019	8.235	516.3	22.95
3	29.08.2019	23.09.2019	8.258	535.4	23.80

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Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.08.2019	23.09.2019	8.336	706.2	31.39
2	29.08.2019	23.09.2019	8.360	715.2	31.79
3	29.08.2019	23.09.2019	8.382	729.3	32.41

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Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.08.2019	23.09.2019	8.235	508.2	22.59
2	29.08.2019	23.09.2019	8.248	515.2	22.90
3	29.08.2019	23.09.2019	8.265	535.2	23.79

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